

Sewerage Disposal

A satisfactory method of disposing of domestic and industrial wastes is just as important to the well-being of a community as is the provision of an adequate water supply.

All development in Town with the exception of four dwellings in the extreme east and west sections are served by public sewer lines. The size and location of these lines are shown on Map #5. Most of these lines were installed during the 1930's.

Sewage within this system flows entirely by gravity to an Imhoff Tank which is located a short distance from Contentnea Creek. This tank, which was installed in 1938, is of sufficient size to treat sewerage for a population of approximately 2,000. The State Department of Water Resources reports that Stantonsburg's Imhoff Tank is extremely effective in treating sewerage for the present Town population.

An Imhoff Tank, which is a primary treatment device similar to a septic tank, is able to remove only 30% to 35% of the solids in sewage. Professional engineers have stated that within the next ten years the Town should install a secondary treatment device such as a trickling filter or contact stabilization plant, (either of which is able to remove up to 90% of sewage solids) in order to prevent the contamination of Contentnea Creek to the point where it presents a health hazard.

Treated sewage is discharged into Contentnea Creek directly west of the Imhoff Tank. Contentnea Creek is presently rated in a "C" stream category. This "C" category implies that the water in this stream is suitable for fishing, fish propagation, agricultural, industrial cooling and process water supply, but not to be used for swimming or as a source of water supply for drinking.

The Town charges developers \$25.00 to connect to existing sewer (and water) lines. There are no immediate plans to install new sewer lines within the Town.

Storm Drainage

Stantonsburg's storm drainage system is made up of a network of open ditches and underground tile pipes as shown on Map #6. There are two major drainage areas in Town. The Norfolk-Southern Railroad Tracks, in general, forms the boundary between these areas.* Excess surface water from both areas flow in a south and then west direction through open ditches to Contentnea Creek where the water is discharged.

* Surface water in the extreme northeastern part of Town flows in an easterly direction into a tributary of the Neuse River.